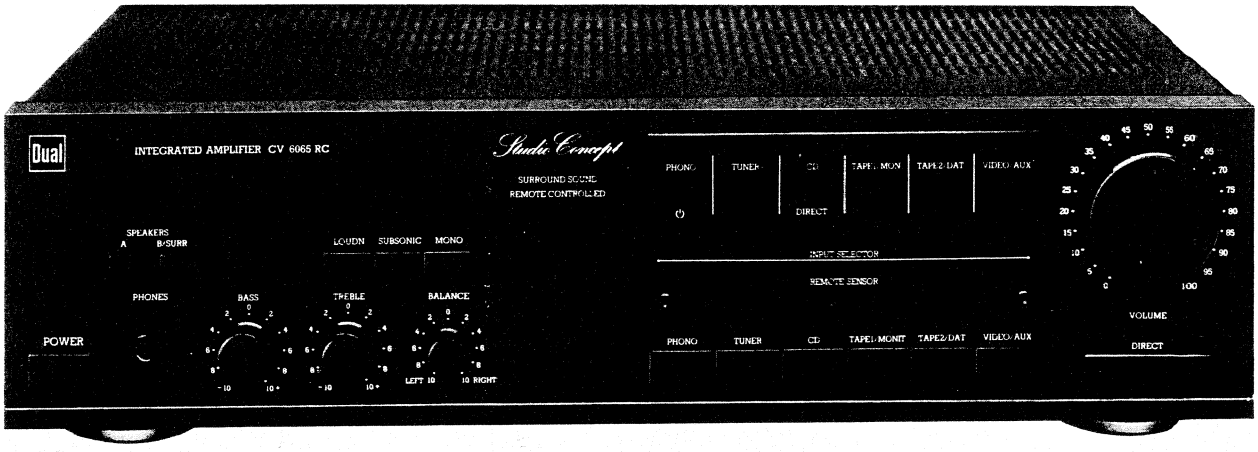
Service-Anleitung
Service Manual
Instructions de Service

CV 6065 RC



Technische Daten (typische Werte)	**Specifications** (typical values)	**Caractéristiques techniques** (valeurs types)	**Dati tecnici** (valori tipici)	**Dual CV 6065 RC**
Ausgangsleistung Musikleistung (8 Ω)	**Power output** music power (8 Ω)	**Puissance de sortie** Puissance musique (8 ohms)	**Potenza d'uscita** Potenza musicale (8 ohm)	2 × 110 W
Leistungsbandbreite	**Frequency response**	**Bande de puissance**	**Banda di potenza**	10–80000 Hz
Klirrfaktor bei 2/3 Leistung (1 kHz)	**Harmonic distortion** at 2/3 power (1 kHz)	**Distorsion** à 2/3 de puissance (1 kHz)	**Distorsione armonica** a 2/3 de rendimento (1 kHz)	< 0,01 %
Fremdspannungsabstand bezogen auf Nennleistung Phono-Eingang Hochpegel-Eingänge (CD, VIDEO, TAPE, TUNER)	**Signal/noise ratio** referred to rated power output Phono input High-level inputs (CD, VIDEO, TAPE, TUNER)	**Rapport non pondéré son/bruit** par rapport à la puissance nominale Entrée Phono Entrées haut niveau (CD, VIDEO, TAPE, TUNER)	**Selettivitá** riferita alla potenza nominale ingresso phono ingressi ad alte impedenze (CD, VIDEO, TAPE, TUNER)	 72 dB 95 dB
Übersprechdämpfung	**Crosstalk attenuation**	**Diaphonie**	**Diafonia**	80 dB
Eingänge CD, VIDEO, TAPE, TUNER PHONO	**Inputs** CD, VIDEO, TAPE, TUNER PHONO	**Entrées** CD, VIDEO, TAPE, TUNER PHONO	**Ingressi** CD, VIDEO, TAPE, TUNER PHONO	 200 mV/47 kΩ 2,5 mV/47 kΩ
Ausgänge Schraubbuchsen für zwei Lautsprecherpaare 1-Koaxialbuchse ¼ inch für Kopfhörer TAPE 1/TAPE 2	**Outputs** Clamping terminals for two speaker pairs 1 coaxial jack, ¼ inch, for headphones TAPE 1/TAPE 2	**Sorties** Bornes à pression pour deux paires de haut-parleurs 1 prise coaxiale ¼" pour écouteurs TAPE 1/TAPE 2	**Uscite** morsetti di pressione per due coppie di diffusori 1 presa coassiale ¼" per cuffia TAPE 1/TAPE 2	 8–16 Ohm
Leistungsaufnahme (maximal)	**Power input** (maximum)	**Consommation de courant** (maximum)	**Potenza assorbita** (massimo)	300 Watt
Netzspannung Model Europa Model USA/Kanada Model UK	**Mains voltage** European model US/Canadian model UK model	**Voltage secteur** Modèle Europe Modèle USA/Canada Modèle Royaume-Uni	**Tensione di rete** modello Europa modello Stati Uniti/Canada modello GB	 220 V/50 Hz 120 V/60 Hz 240 V/50 Hz
Maße (Breite × Höhe × Tiefe)	**Dimensions** (width × height × depth)	**Dimensions** (largeur × hauteur × profondeur)	**Dimensioni** (larghezza × altezza × profondità)	440 × 122 × 245 mm

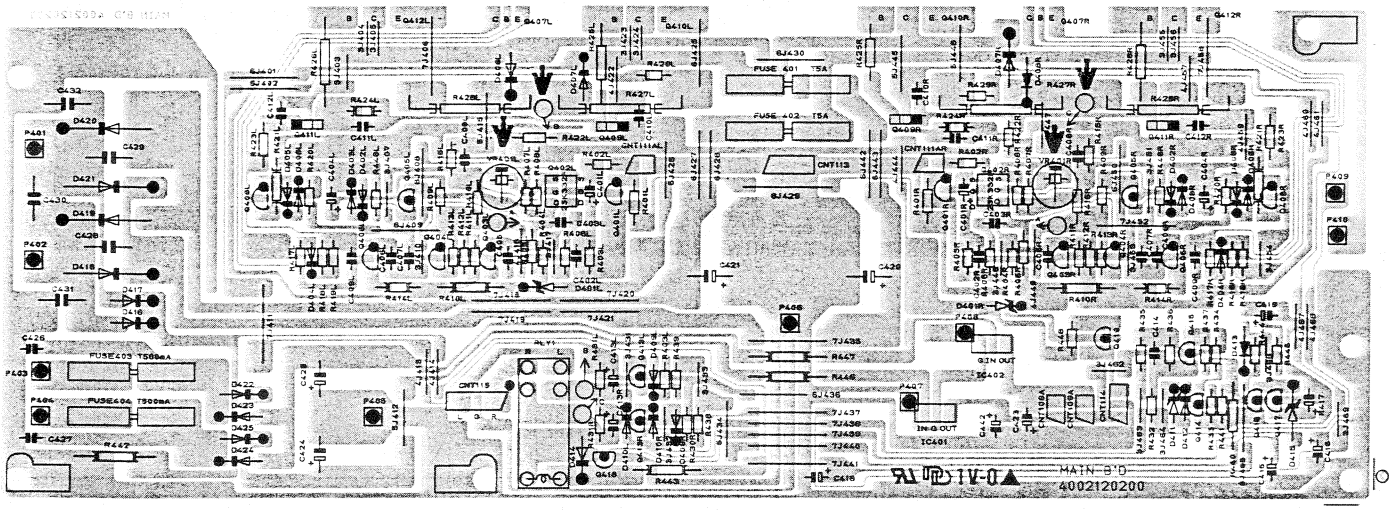
Dual GmbH · Postfach 1144 · 7742 St. Georgen/Schwarzwald

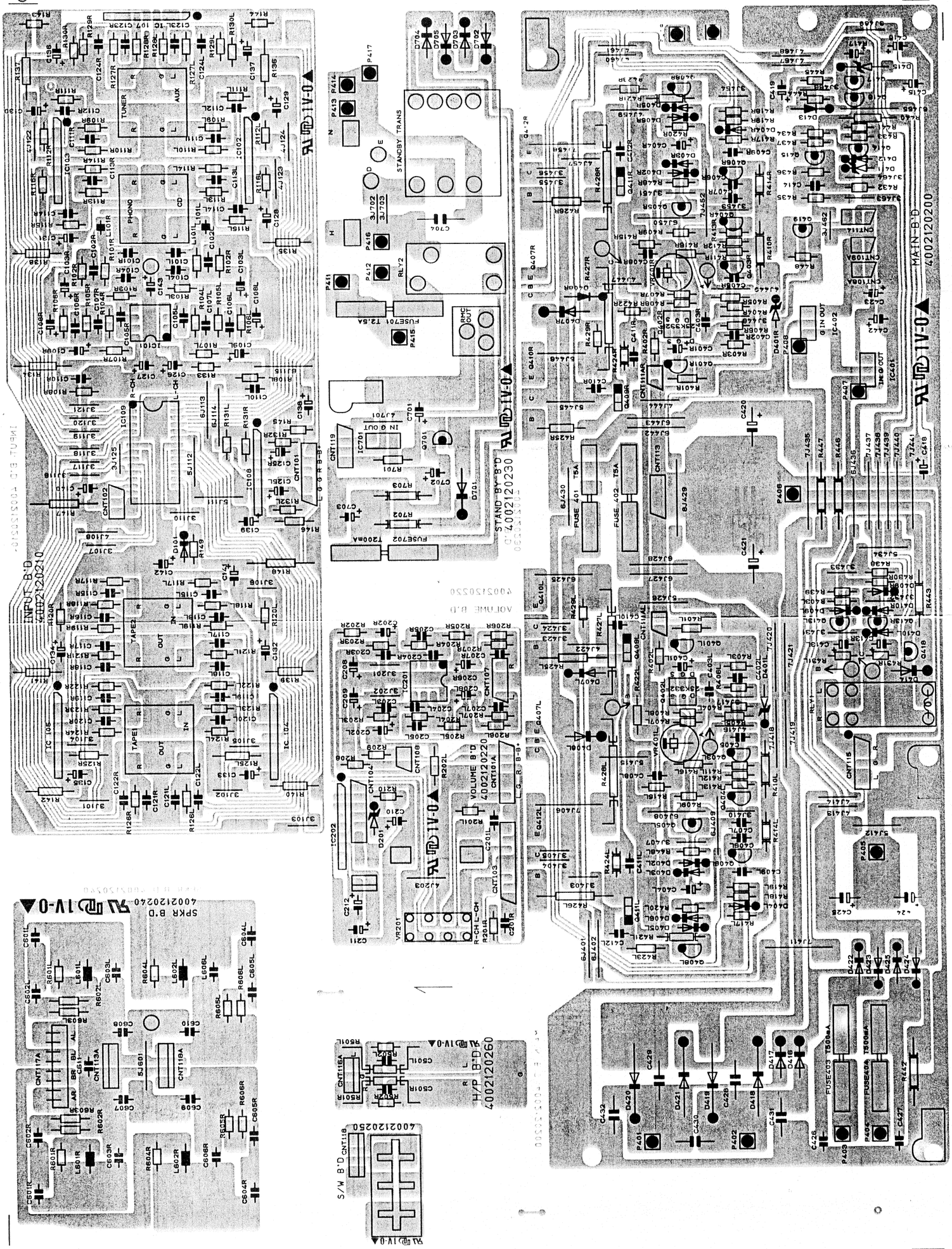
921 638 1091

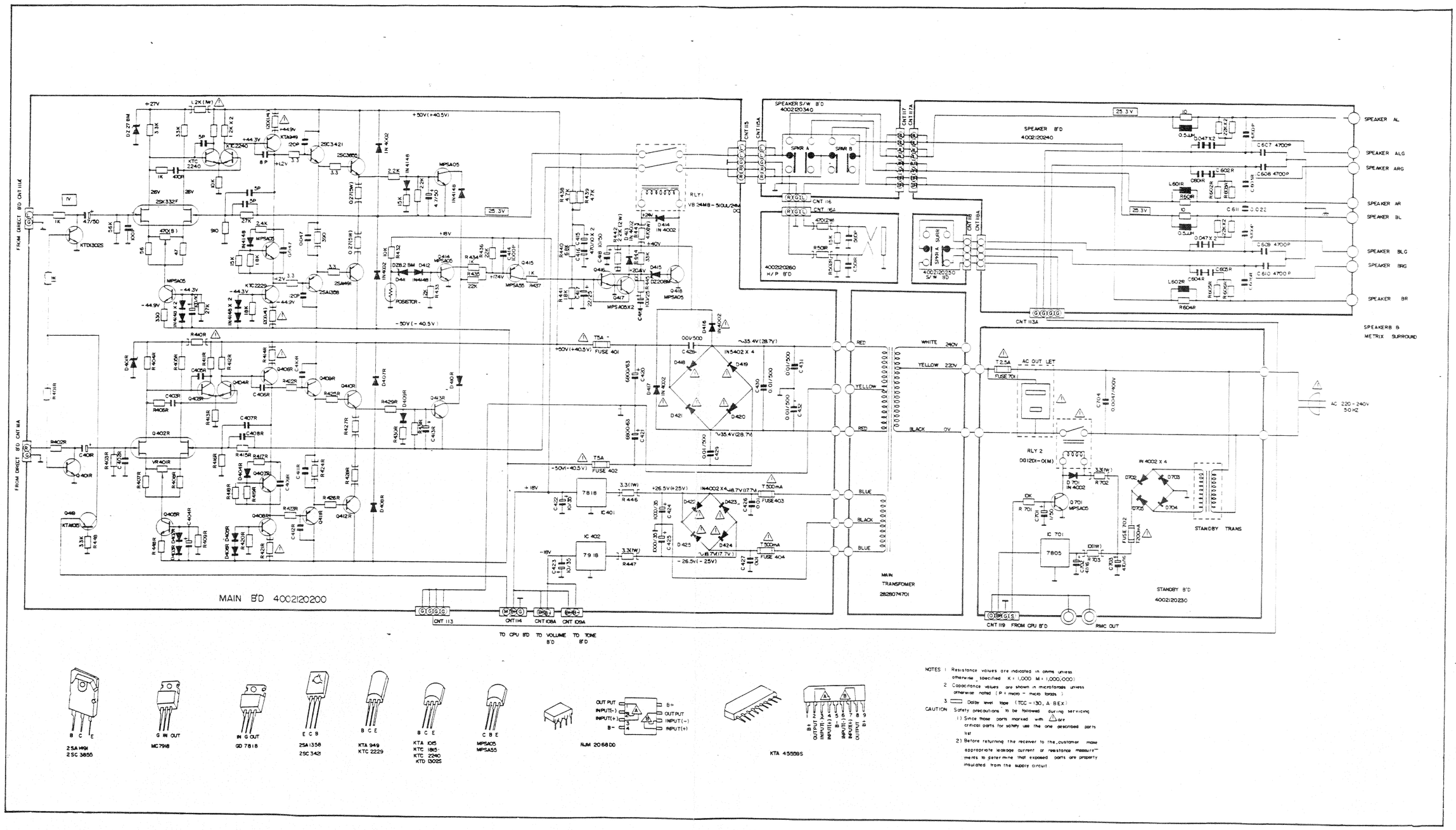
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Abgleichanleitung-Alignment Instruction

Signalquelle Signal source	Einstellung Signalquelle Signal source adjustment	Einstellung Gerät Unit adjustment	Anzeigegerät Anschluß Indicator connection	Abgleichposition Adjustment position	Abgleich, Bemerkung Alignment, Remarks
Ruhestrom · Quiescent Current					
		Power: On Volume: Minimum Speaker: On Speaker: 8 Ω Lastwiderstand Load resistor Gerät 4 Minuten warmlaufen lassen Wait about 4 minutes	 DC-Voltmeter an/to B-GND C-GND	 VR 401 L VR 401 R	 0 V ± 50 mV 0 V ± 50 mV

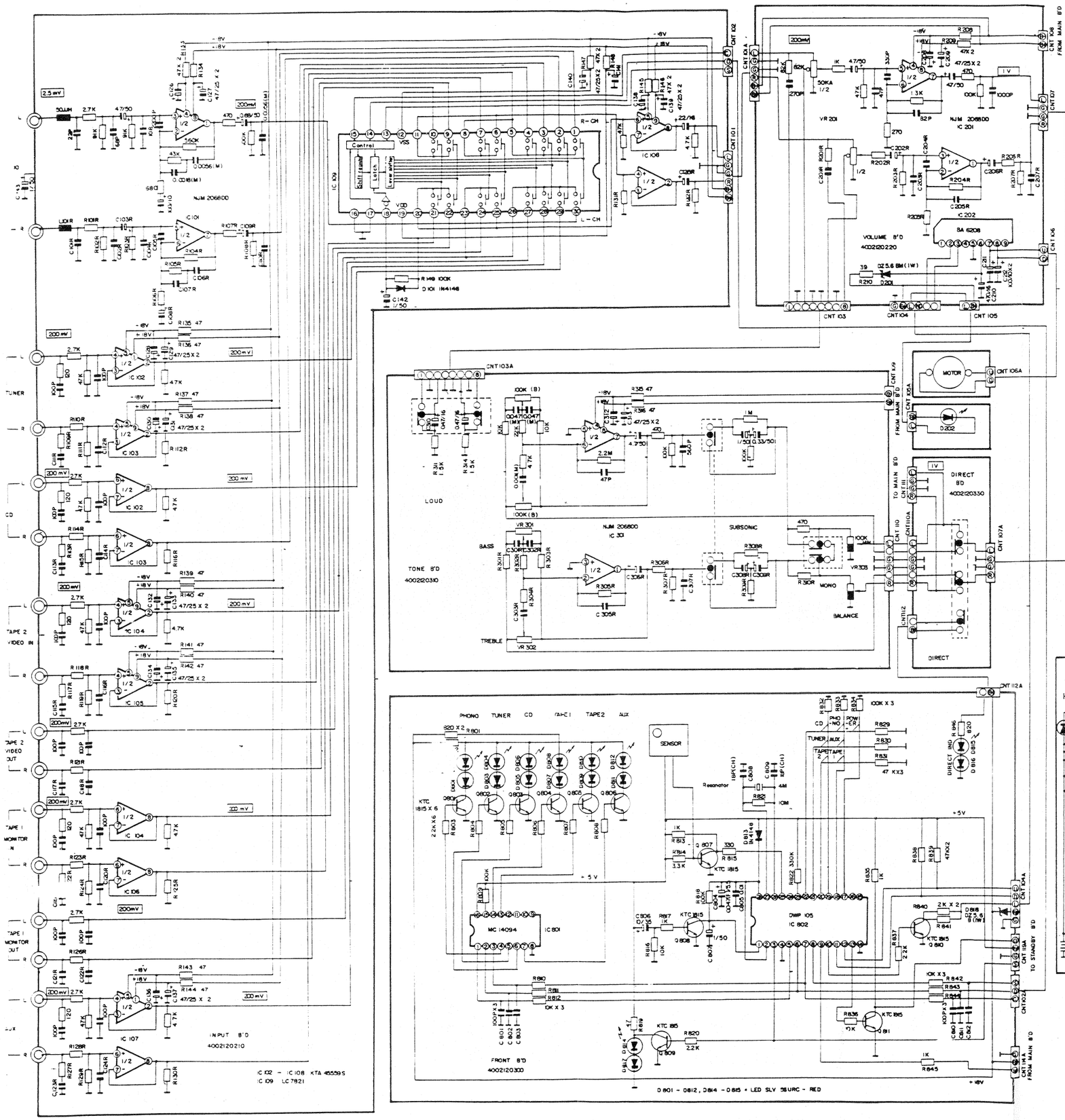



MAIN B'D
4002120200
INPUT B'D
4002120210
STAND BY B'D
4002120230
VOLUME B'D
4002120220
H/P B'D
4002120260
SPKR B'D
4002120240
S/W B'D
4002120250
1V-0



NOTES : 1. Resistance values are indicated in ohms unless otherwise specified. K = 1,000 M = 1,000,000
2. Capacitance values are shown in microfarads unless otherwise noted (P = micro - micro farads)
3. Dolby level tape (TCC - 150, A B E X)

CAUTION Safety precautions to be followed during servicing
1) Since those parts marked with △ are critical parts for safety use the one described parts list
2) Before returning the receiver to the customer make appropriate leakage current or resistance measurements to determine that exposed parts are properly insulated from the supply circuit



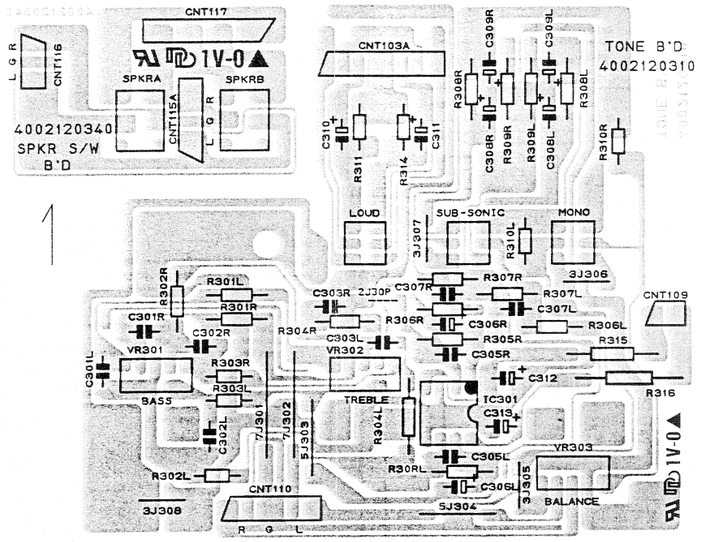
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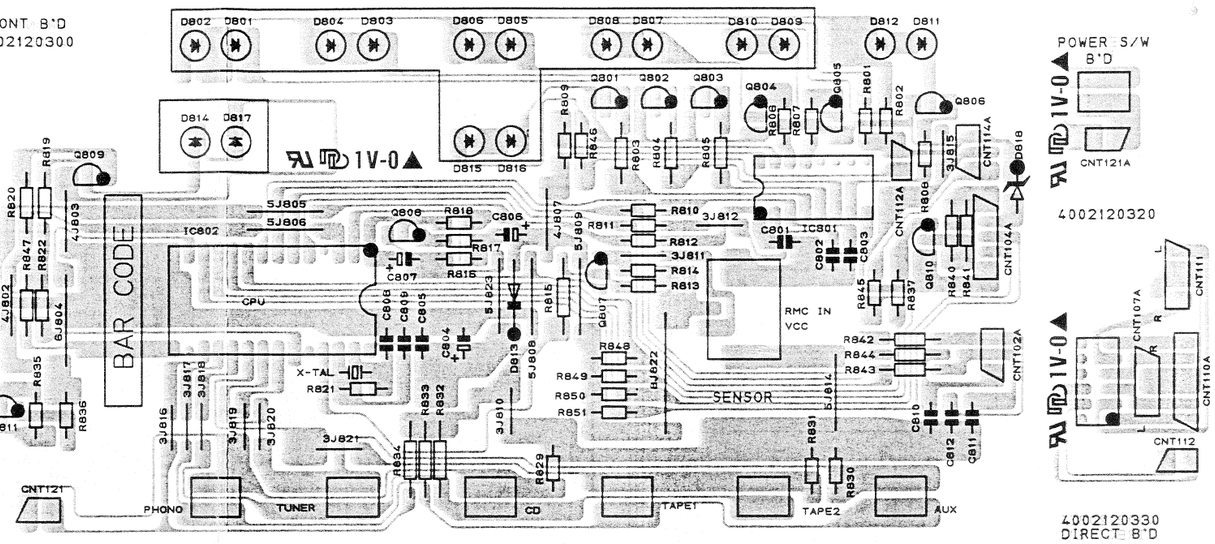
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4002120340
SPKR S/W
B'D
CNT117
CNT116
CNT115A
SPKRA
SPKRB
L G R
CNT103A
TONE B'D
4002120310
LOUD
SUB-SONIC
MONO
CNT109
CNT110
3J308
BASS
TREBLE
BALANCE
VR301
VR302
VR303
IC301
R316
R315
R304L
R304R
R305L
R305R
R306L
R306R
R307L
R307R
R308L
R308R
R309L
R309R
R310L
R310R
R311
R314
C312
C313
C305L
C305R
C306L
C306R
C307L
C307R
C308L
C308R
C309L
C309R
C310
C311
C301L
C301R
C302L
C302R
C303L
C303R
R301L
R301R
R302L
R302R
R303L
R303R
R30RL
5J304
5J305
3J305
3J306
3J307
5J301
5J302
5J303
R G L


FRONT B'D
4002120300
BAR CODE
CPU
IC802
IC801
RMC IN
VCC
SENSOR
X-TAL
5J805
5J806
5J807
5J808
5J809
3J601
4J802
4J803
5J804
3J807
3J808
3J809
3J810
3J811
3J812
3J813
3J814
3J815
3J816
3J817
3J818
3J819
3J820
3J821
BJ622
CNT119A
CNT112A
CNT114A
CNT102A
CNT104A
CNT121
PHONO
TUNER
CD
TAPE1
TAPE2
AUX
D802 D801
D804 D803
D806 D805
D808 D807
D810 D809
D812 D811
D814 D817
D815 D816
Q801 Q802 Q803 Q804 Q805 Q806
Q807 Q808 Q809 Q810 Q811
R801 R802 R803 R804 R805 R806 R807 R808 R809
R810 R811 R812 R813 R814 R815 R817 R818 R819 R820 R821 R822 R823
R829 R830 R831 R832 R833 R834 R835 R836 R837 R840 R841 R842 R843 R844 R845 R846 R847 R848 R849 R850 R851
C801 C802 C803 C804 C805 C806 C807 C808 C809 C810 C811 C812
D813 D818

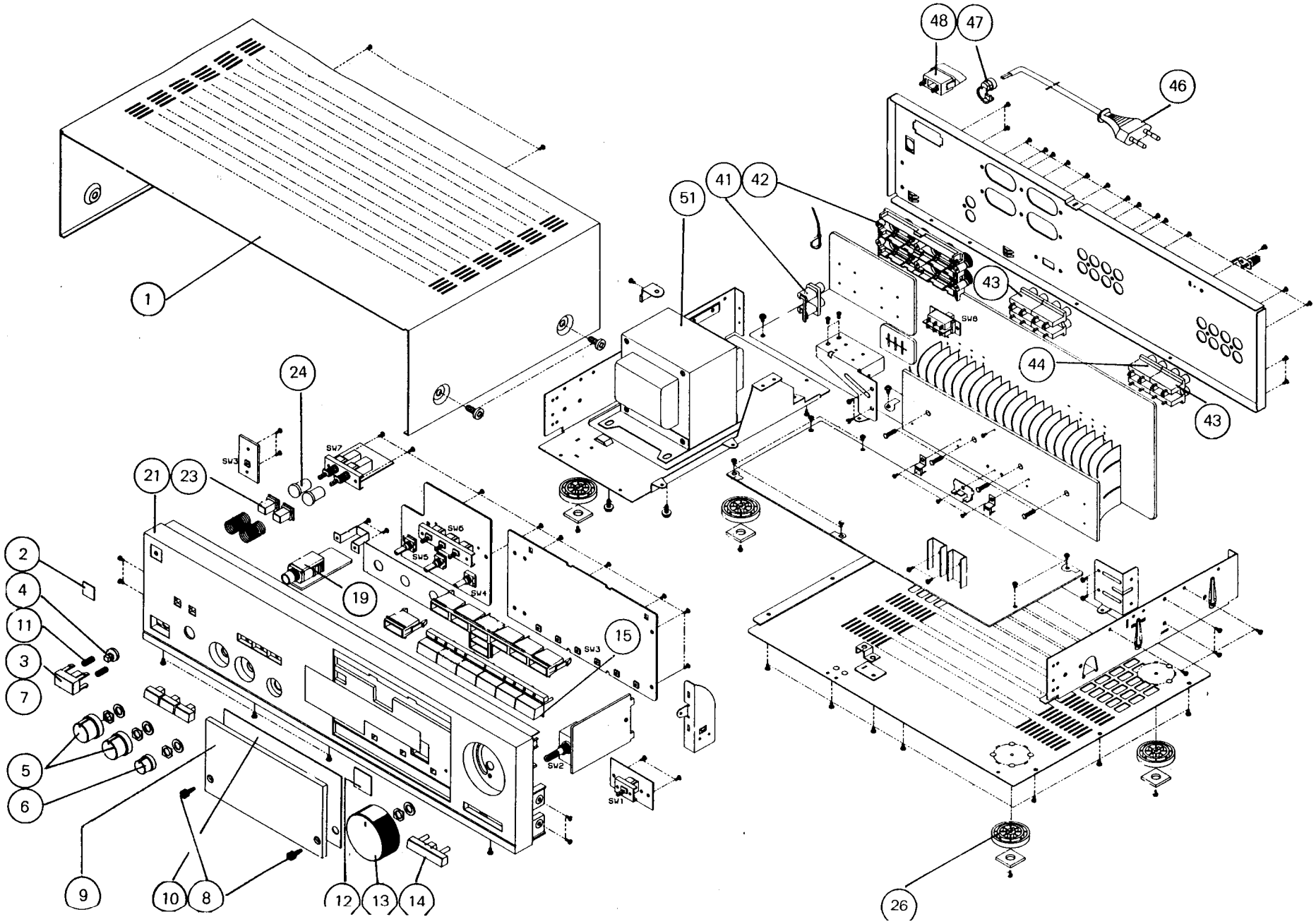
POWER S/W
B'D
CNT121A
4002120320
CNT107A
CNT111
CNT110A
CNT112
4002120330
DIRECT B'D

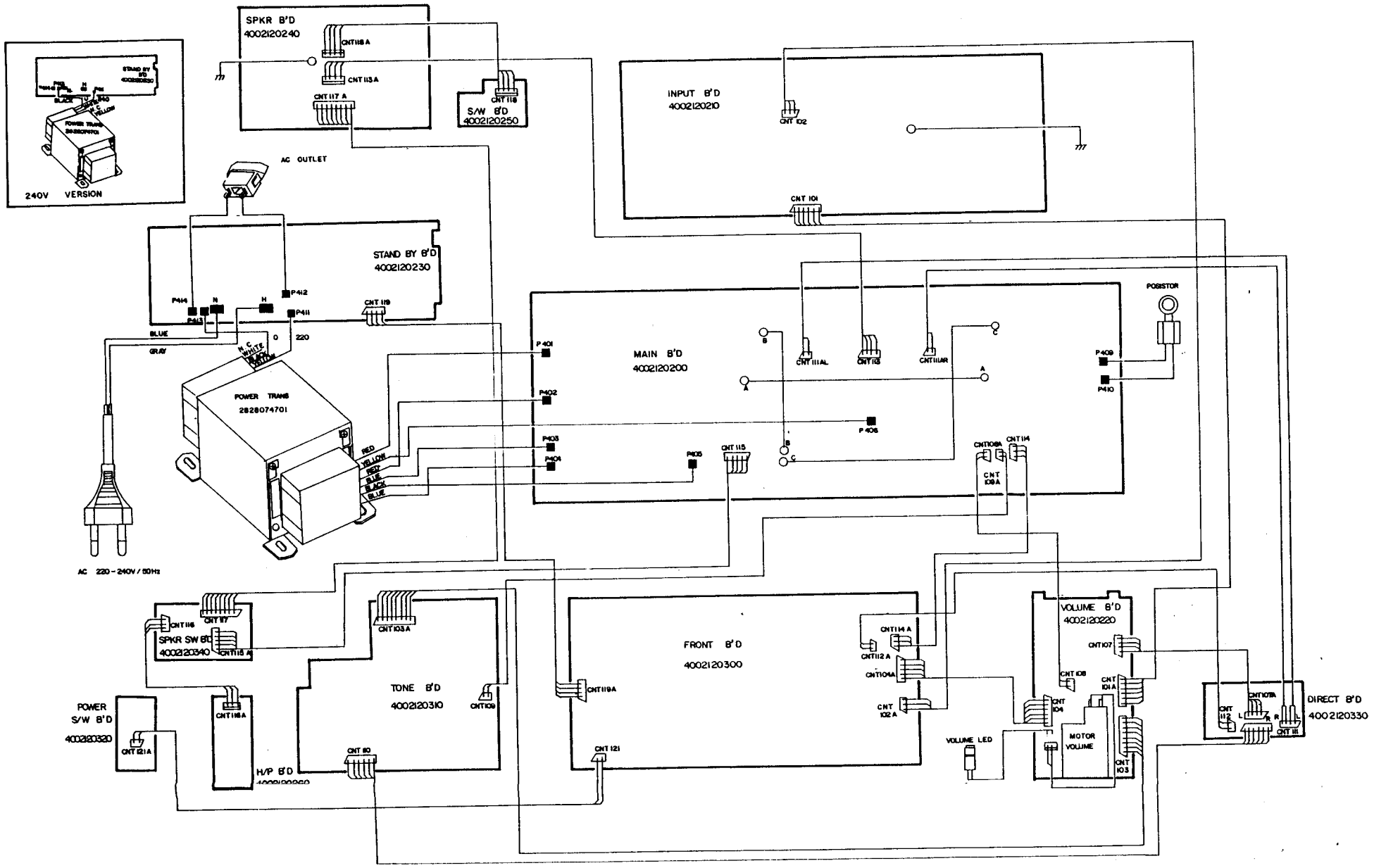
Ersatzteile · Replacement parts · Pièces détachées · CV 6065 RC

Pos.	Art.-Nr.	Bezeichnung
1	284320	Gehäuseblech
2	283750	Dual-Zeichen
3	283665	Powertaste
4	286891	Tastenverlängerung
5	283660	Drehknopf (Tone)
6	283661	Drehknopf (Balance)
7	283686	Taste (Loudness)
8	284773	Schraube
9	284322	Fenster
10	286892	Displayeinlage
11	286890	Druckfeder
12	286893	Fenster RC
13	286894	Drehknopf
14	284327	Taste (Direkt)
15	283666	Taste 6-fach
19	283705	Kopfhörerbuchse
21	286895	Frontblende
23	284326	Taste (Speaker)
24	286896	Tastenverlängerung
26	283710	Gerätefuß
41	286897	Remotebuchse
42	287467	Lautsprecherklemmen
43	283670	Cinchbuchse 4-fach
44	283671	Cinchbuchse 4-fach G
46	232996	Netzkabel
47	237548	Kabeldurchführung
48	286898	Anschlußbuchse
51	286899	Netztrafo
SW 1	283674	Schalter (Direkt)
SW 2	286900	Steller mit Motor
SW 3	286901	Schalter
SW 4	286902	Steller 100 K×2
SW 5	284664	Steller 100 K
SW 6	283737	Schalter 3-fach
SW 7	283738	Schalter 2-fach
SW 8	286903	Schalter
		Grundplatte
C 420	282070	Elyt-Kond. 6800 NF/63 V
C 421	282070	Elyt-Kond. 6800 NF/63 V
D 401	282066	Diode DZ 27 BM
D 402	223906	Diode 1 N 4148
bis		
D 406	223906	Diode 1 N 4148
D 407/408	226501	Diode 1 N 4002
D 409/410	223906	Diode 1 N 4148
D 411	282146	Diode DZ 8,2
D 412	223906	Diode 1 N 4148
D 413/414	226501	Diode 1 N 4002
D 415	282065	Diode DZ 20 BM
D 416/417	226501	Diode 1 N 4002
D 418	282061	Diode 1 N 5402
bis		
D 421	282061	Diode 1 N 5402
D 422	226501	Diode 1 N 4002
bis		
D 425	226501	Diode 1 N 4002
IC 401	287676	IC GD 7818
IC 402	287677	IC MC 7918 CT
VR 401	282072	Steller 470
Q 401	284787	Transistor KTD 1302
Q 402	282051	Transistor 2 SK 332 F
Q 403/404	282052	Transistor KTC 2240 BL
Q 405	286904	Transistor MPS A 06
Q 406	282054	Transistor KTA 949 Y
Q 407	286904	Transistor MPS A 06
Q 407	282053	Transistor KTC 2229 Y
Q 409	283733	Transistor 2 SC 3421

Pos.	Art.-Nr.	Bezeichnung
Q 410	282056	Transistor 2 SC 3855
Q 411	283732	Transistor 2 SA 1358
Q 412	282055	Transistor 2 SA 1491
Q 413 L/R	286904	Transistor MPS A 06
Q 414	286904	Transistor MPS A 06
Q 415	286905	Transistor MPS A 56
Q 416	286904	Transistor MPS A 06
bis		
Q 418	286904	Transistor MPS A 06
Q 419	283330	Transistor KTA 1015 GR
RY 1	286906	Relais
		Frontplatte
D 801	282084	LED SLV 56 URC
bis		
D 812	282084	LED SLV 56 URC
D 813	223906	Diode 1 N 4148
D 814	282084	LED SLV 56 URC
bis		
D 817	282084	LED SLV 56 URC
D 818	283552	Diode DZ 5,6
IC 801	276039	IC MC 14094 BCP C-MOS
IC 802	286907	IC CPU DWP 105
Q 801	282076	Transistor KTC 1815 Y
bis		
Q 811	282076	Transistor KTC 1815 Y
	286908	Sensor KRM 34
	281411	Quarz 4 MHz
		Eingangsplatte
L 101	286911	Soule 50 UH
C 101	223906	Diode 1 N 4148
IC 101	282074	IC NJM 2068 DD
IC 102	283669	IC KIA 75559 S
bis		
IC 108	283669	IC KIA 75559 S
IC 109	286912	IC LC 7821
		Volumeplatte
D 201	283552	Diode DZ 5,6
IC 201	282074	IC NJM 2068 DD
IC 202	282362	IC BA 6208
VR 201	286900	Steller mit Motor
		Stand by-Platte
D 701/702	226501	Diode 1 N 4002
D 703/705	226501	Diode 1 N 4002
IC 701	283727	IC GD 7805
Q 701	286904	Transistor MPS A 06
RY 2	286913	Relais
	286909	Trafo Stand by
		Klangplatte
IC 301	282074	IC NJM 2068 DD
VR 301	284664	Steller 100 K
VR 303	286902	Steller 100 K×2
		Lautsprecherplatte
L 601	286910	Spule 0,5 UH
L 602	286910	Spule 0,5 UH
		Empfängerplatte
Q 1	284787	Transistor KTD 1302
D 1	283723	Diode 1 L 2
IC 1	287561	IC MPD 6122 G 002
X 1	287562	Keramik Filter CSB 455 E
	286914	LED (Volume)
	284970	Bedienungsanleitung

Änderungen vorbehalten! Subject to change! Sous réserve de modification!


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2
3
4
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10
11
12
13
14
15
19
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23
24
26
41
42
43
44
46
47
48
51
SW1
SW2
SW3
SW4
SW5
SW6
SW7


240V VERSION
SPKR B'D
4002120240
CNT118A
CNT113A
CNT117A
S/W B'D
4002120250
CNT118
INPUT B'D
4002120210
CNT102
CNT101
AC OUTLET
STAND BY B'D
4002120230
P414
P413
N
H
P412
P411
CNT119
BLUE
GRAY
0
220
POWER TRANS
2828074701
AC 220-240V/50Hz
MAIN B'D
4002120200
P401
P402
P403
P404
P405
P406
CNT115
CNT111AL
CNT113
CNT111AR
POSISTOR
P409
P410
CNT108A
CNT114
CNT 108A
SPKR SW B'D
4002120340
CNT116
CNT117
CNT115A
CNT103A
TONE B'D
4002120310
CNT109
CNT119A
FRONT B'D
4002120300
CNT114A
CNT112A
CNT104A
CNT102A
VOLUME B'D
4002120220
CNT107
CNT108
CNT101A
CNT104
MOTOR VOLUME
CNT103
VOLUME LED
POWER S/W B'D
4002120320
CNT121A
CNT116A
H/P B'D
CNT110
CNT121
CNT107A
CNT112
CNT111
DIRECT B'D
4002120330